AMENDMENT OF SOLICITATIO	N/MODIFICATION	OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REG	NO. 5. PROJECT NO	O. (If applicable)
	0 2 FEB 1998			
0002		See Schedule	ACN	
6. ISSUED BY CODE	W52H09	7. ADMINISTERED BY (If other	than Item 6)	CODE
ACALA AMSTA-AC-PCH-A LISA DEVLIN /309-782-5541 ROCK ISLAND IL 61299-7630	/6P IRETS			
		SCD PAS	NONE	ADP PT
8. NAME AND ADDRESS OF CONTRACTOR (No., str	eet, city, county, State an	d ZIP Code) (X)	9A. AMENDMENT OF SOLICIT	
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			ion medinermen of col	WRACIJORDER NO
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE	TO LUCTURE OF COLUMN TOWN		
The above numbered solicitation is		TO AMENDMENTS OF SOLICITATIONS in Item 14. The hou		
	ended.		ur and date specified specified in the solicita	for receipt of Offers tion or as amended by
one of the following methods:				
(a) By completing Items 8 and 15, a on each copy of the offer submitted.	<del>•</del> ——	opies of the amendments;		
• •	` ' '	eparate letter or telegram	which includes a r	eference to the solicitation THE RECEIPT OF OFFERS PRIOR
	Y RESULT IN REJECTION		virtue of this amendment	
	may be made by	telegram or letter, provid		letter makes reference to
the solicitation and this amendment, a	and is received prior	to the opening hour	and date specified.	
12. ACCOUNTING AND APPROPRIATION DATA (If re-	quired)			
		ODIFICATIONS OF CONTRACTS/ORDER NO. AS DESCRIBED IN ITER		
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT		RDER NO. AS DESCRIBED IN HER		TH IN ITEM 14 ARE MADE IN
THE CONTRACT/ORDER NO. IN ITEM 10A.			3.7.11023 321 1081	II II IICM 14 ARE MADE IN
B. THE ABOVE NUMBERED CONTRACT/ORDER     etc.) SET FORTH IN ITEM 14, PURSUANT TO			(such as changes in paying	office, appropriation data,
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERE	D INTO PURSUANT TO AUTH	HORITY OF:		
D. OTHER (Specify type of modification and	authority)			
E. IMPORTANT: Contractor is not,		n this document and return	copies to the i	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (C	organized by UCF section	headings, including solicitation/	contract subject matter wher	e feasible.)
See second page for description.				
Except as provided herein, all terms and conditions orce and effect.	of the document reference	ced in Item 9A or 10A, as here	tofore changed, remains unc	hanged and in full
ISA. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF	CONTRACTING OFFICER (T	ype or print)	
ISB. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF A	AMERICA	16C. DATE SIGNED
		av.		
(Signature of person authorized to sign)		(Signature of Co	ntracting Officer)	
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NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE CONTINUATION SHEET

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## SECTION A - SUPPLEMENTAL INFORMATION

## A-1

The purpose of this amendment is to answer technical questions which have been posed to the Government. Each offeror should utilize this information in the preparation of his offer in response to this solicitation.

1. QUESTION: Is the purpose of the conduit in Paragraph 3.5.4 to protect the tubing, or to provide an easier means of replacing tubing in the event of leakage?

ANSWER: The conduit in Paragraph 3.5.4 is in the SOW to protect above ground tubing which is exposed to the elements and can be damaged by the UV, ozone, and physical damage, as caused by activity around the target pit. The conduit is also to protect small diameter tubing going from the air header to the hardware from similar damage.

2. QUESTION: What is the capacity of the GFE electrical service in SOW Paragraph 3.5.5, how many wires and is this box attached to the GFE tower?

ANSWER: The GFE service provided is 240/120 volts. The amperage available will be adequate to cover the demands of the successful bidder. The power will be provided at a breakout box which may be located at the tower, but IAW the SOW it will be within 20 feet of the power station/compressor building. If multiple wires are required out of the box, it is up to the contractor to provide the connection needed. The GFE box will be terminated at a single throw lock out breaker.

3. QUESTION: The MPMG requires 150 targets and 120 double targets in Paragraph 11.7 of the SOW. Is this a total of 159 or 270 target devices.

ANSWER: The column, # Targets, defines the total number of targets on the range, and of these, 120 are double targets and 30 are single targets.

4. Concern was expressed over the requirement for a 15 amp 120 VAC outlet at each target location on the MPMG and MRF ranges and the following questions were posed:

Has ACALA considered the large expense in equipping each emplacement with AC power?

If so, what is the capacity required in AMPS at each emplacement?

What is the potential load at each emplacement?

Is "per target location" defined as one berm, or one target device, and are two outlets required where double target arms are installed?

Where is the center/circuit breakers for the AC outlets to be located (compressor building or tower)?

How many emplacement will be on one circuit breaker?

ANSWER: The ACALA has reconsidered the need for AC service at each target position, and determined that the total number of outlets on the range could be decreased. Instead of an outlet at each target position, the requirement is changed as follows:

- (a) For all MPMG ranges, a 120 vac and 15 amp outlet will be required at all target positions installed on 3 lanes.
- (b) For all MRF ranges, a 120 VAC and 15 amp outlet will be installed on all target positions installed on 4 lanes.

The remaining target positions on both ranges will be installed without AC outlets. The actual lanes to be powered will be determined at the time the range is installed, If a range has less than 10 lanes for MPMG and 16 lanes for the MRF, the quantities

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in (a) and (b) above still apply (i.e. a 5 lane MRF will still have 4 lanes installed with AC outlets).

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The capacity at each target is 120 volts and 15 amps with the potential load at each target being up to the capacity. When a double target arm is installed, it is considered one target location and will receive only one AC outlet. The location of the breakers, the number of breakers, and the load center is to be determined by the installing contractor and can be installed at whichever location he wishes. The number of circuit breakers required and their location is up to the installing contractor.

5. Questions were raised regarding soil conditions.

ANSWER: Offerors should base their proposals on an average soil condition of red clay as found in the southern United States, containing some rocks up to the size of baseballs, with occasional tree roots.

The opening date remains unchanged at 3:45 P.M. CT, 18 Feb 98.

All other terms and conditions remain unchanged.

(End of narrative A003)